EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	709	(514/252.13,514/255.01,514/255.05,544/358,544/360,544/367,544/372,544/374,544/386).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/04/19 18:20
L2	0	l1 and piperazinylacylpiperidine	US-PGPUB; USPAT	OR	ON	2007/04/19 18:21
L3	99	l1 and piperazinyl and acyl and piperidine	US-PGPUB; USPAT	OR	ON	2007/04/19 18:21
L4	0	l1 and piperazinylpiperidine	US-PGPUB; USPAT	OR	ON	2007/04/19 18:21
L5	0	l1 and piperazinylacyl and piperidine	US-PGPUB; USPAT	OR	ON	2007/04/19 18:22
L6	150	l1 and piperazine and acyl and piperidine	US-PGPUB; USPAT	OR	ON	2007/04/19 18:22
L7	1	l1 and piperazine and acyl and piperidine and ketone and 1,3-thiazol-2-yl	US-PGPUB; USPAT	OR	ON	2007/04/19 18:26
L8	1	l1 and piperazine and piperidine and 1,3-thiazol-2-yl	US-PGPUB; USPAT	OR	ON	2007/04/19 18:26

~~10/513689~~ 10/516,808

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSPTAEAL1624

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2	JAN 08	CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS 3	JAN 16	CA/CAplus Company Name Thesaurus enhanced and reloaded
NEWS 4	JAN 16	IPC version 2007.01 thesaurus available on STN
NEWS 5	JAN 16	WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS 6	JAN 22	CA/CAplus updated with revised CAS roles
NEWS 7	JAN 22	CA/CAplus enhanced with patent applications from India
NEWS 8	JAN 29	PHAR reloaded with new search and display fields
NEWS 9	JAN 29	CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS 10	FEB 15	PATDPASPC enhanced with Drug Approval numbers
NEWS 11	FEB 15	RUSSIAPAT enhanced with pre-1994 records
NEWS 12	FEB 23	KOREAPAT enhanced with IPC 8 features and functionality
NEWS 13	FEB 26	MEDLINE reloaded with enhancements
NEWS 14	FEB 26	EMBASE enhanced with Clinical Trial Number field
NEWS 15	FEB 26	TOXCENTER enhanced with reloaded MEDLINE
NEWS 16	FEB 26	IFICDB/IFIPAT/IFIUDB reloaded with enhancements
NEWS 17	FEB 26	CAS Registry Number crossover limit increased from 10,000 to 300,000 in multiple databases
NEWS 18	MAR 15	WPIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS 19	MAR 16	CASREACT coverage extended
NEWS 20	MAR 20	MARPAT now updated daily
NEWS 21	MAR 22	LWPI reloaded
NEWS 22	MAR 30	RDISCLOSURE reloaded with enhancements
NEWS 23	MAR 30	INPADOCDB will replace INPADOC on STN
NEWS 24	APR 02	JICST-EPLUS removed from database clusters and STN

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

<12/04/2007> Erich Leese

* * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 17:03:46 ON 19 APR 2007

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 17:04:22 ON 19 APR 2007

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 18 APR 2007 HIGHEST RN 930838-51-0
DICTIONARY FILE UPDATES: 18 APR 2007 HIGHEST RN 930838-51-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

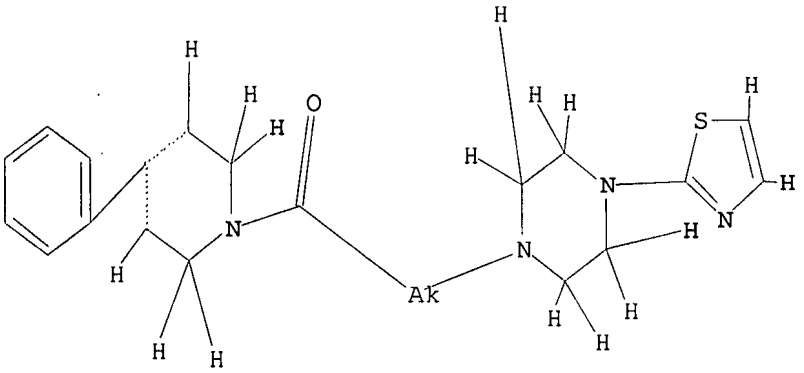
REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>
Uploading C:\Program Files\Stnexp\Queries\10516808.str

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

```
=> s l1
SAMPLE SEARCH INITIATED 17:04:47 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -        5 TO ITERATE

100.0% PROCESSED         5 ITERATIONS                                  0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:            5 TO      234
PROJECTED ANSWERS:               0 TO        0

L2             0 SEA SSS SAM L1

=> s l1 full
FULL SEARCH INITIATED 17:04:51 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      176 TO ITERATE

100.0% PROCESSED      176 ITERATIONS                                 15 ANSWERS
SEARCH TIME: 00.00.01

L3            15 SEA SSS FUL L1

=> file capls
'CAPLS' IS NOT A VALID FILE NAME
SESSION CONTINUES IN FILE 'REGISTRY'
Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files
that are available.  If you have requested multiple files, you can
specify a corrected file name or you can enter "IGNORE" to continue
accessing the remaining file names entered.

=> file caplus
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                     172.10     172.31

FILE 'CAPLUS' ENTERED AT 17:04:59 ON 19 APR 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)
```



```
FILE COVERS 1907 - 19 Apr 2007  VOL 146 ISS 17
FILE LAST UPDATED: 18 Apr 2007  (20070418/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
```

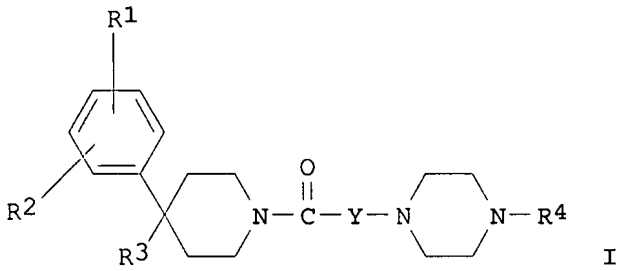
<12/04/2007> Erich Leese

They are available for your review at:

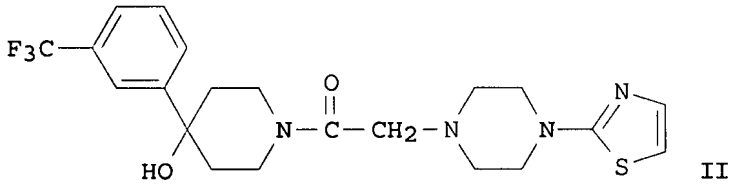
http://www.cas.org/infopolicy.html

```
=> s l3 full
L4            1 L3

=> d ibib abs hitstr

L4   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:         2003:991507  CAPLUS
DOCUMENT NUMBER:          140:42206
TITLE:                    Preparation of piperazinylacylpiperidines as
                          inhibitors of NGF binding (nerve growth factor) to
                          p75NTR (p75 neurotrophic) receptor for treating p75NTR
                          related diseases
INVENTOR(S):              Bono, Francoise; Bosch, Michaeel; Dos Santos, Victor;
                          Herbert, Jean Marc; Nisato, Dino; Tonnerre, Bernard;
                          Wagnon, Jean
PATENT ASSIGNEE(S):       Sanofi-Synthelabo, Fr.
SOURCE:                   PCT Int. Appl., 56 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 French
FAMILY ACC. NUM. COUNT:   2
PATENT INFORMATION:

     PATENT NO.           KIND   DATE        APPLICATION NO.          DATE
     ---------------      ----   --------    --------------------     --------
     WO 2003104226         A1    20031218    WO 2003-FR1686           20030605
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
             CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
             GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
             LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,
             PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT,
             TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
             KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
             FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
             BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
     AU 2003255645         A1    20031222    AU 2003-255645           20030605
     EP 1513836            A1    20050316    EP 2003-757109           20030605
     EP 1513836            B1    20060503
         R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
     CN 1675203            A     20050928    CN 2003-818808           20030605
     JP 2005533051         T     20051104    JP 2004-511296           20030605
     AT 325122             T     20060615    AT 2003-757109           20030605
     AT 336491             T     20060915    AT 2003-757108           20030605
     PT 1513836            T     20060929    PT 2003-757109           20030605
     ES 2264001            T3    20061216    ES 2003-3757109          20030605
     US 2006167007         A1    20060727    US 2004-516808           20041203
PRIORITY APPLN. INFO.:                         FR 2002-7001         A  20020607
                                               WO 2003-FR1686       W  20030605

OTHER SOURCE(S):          MARPAT 140:42206
GI
```

<12/04/2007> Erich Leese



I



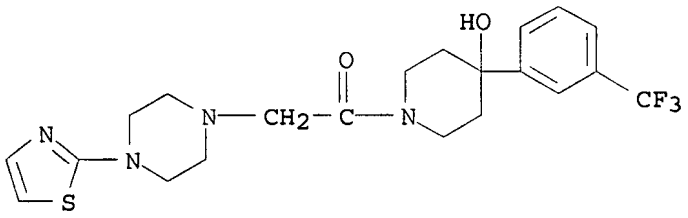
II

AB Title compds. I [wherein: Y = (CH2)n; n = 1 or 2; R1 = halo, CF3, alkyl, alkoxy, trifluoromethoxy; R2 = H, halo; R3 = H, OR5, CH2OR5, NH2 and derivs., NHCOR6 and derivs., NHCONH2 and derivs., CH2NR7R8, CH2NHCONH2 and derivs., alkoxycarbonyl, CONH2 and derivs.; or R3 forms a double bond between the carbon atom where it is bound to and the neighboring carbon atom of the piperidine cycle; R4 = 1,3-thiazol-2-yl; R5 = H, alkyl, alkylcarbonyl; R6 = alkyl, (CH2)mNH2 and derivs.; m = 1,2, or 3; R7, R8 = independently H, alkyl; R8 = (CH2)qOH, (CH2)qSMe; q = 2 or 3; or R7R8N = aziridine, azetidine, pyrrolidine, piperidine, morpholine; and their salts, hydrates and solvates] were prepared as inhibitors of the binding of 125I NGF to p75NTR (p75 neurotrophic) receptor and of the apoptosis induced by NGF (nerve growth factor) for treating p75NTR related diseases (no data). For example, I (m.p. = 157-158°) was prepared by reacting 2-chloro-1-[4-hydroxy-4-[3-(trifluoromethyl)phenyl]-1-piperidinyl]-1-ethanone (preparation given) and 1-(1,3-thiazol-2-yl)piperazine dihydrochloride (preparation given) in the presence of KI/K2CO3/MeCN. I inhibited the binding of 125I NGF to p75NTR receptor with IC50 in the range of 10-11 M to 10-6 M at the biochem. level. I inhibited the pro-apoptic effect induced by NGF, via growing cells expressing preferentially p75NTR, with IC50 in the range of 10-11 M to 10-6 M at the cellular level.

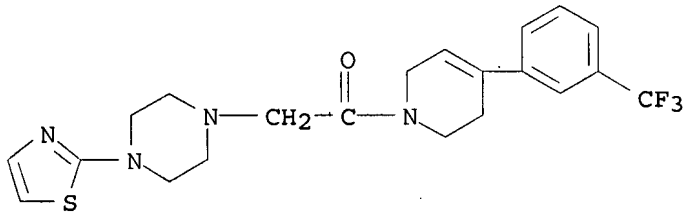
IT 634613-42-6P, 1-[4-Hydroxy-4-[3-(trifluoromethyl)phenyl]-1-piperidinyl]-2-[4-(1,3-thiazol-2-yl)-1-piperazinyl]-1-ethanone
634613-43-7P 634613-45-9P, 1-[4-(Aminomethyl)-4-[3-(trifluoromethyl)phenyl]-1-piperidinyl]-2-[4-(1,3-thiazol-2-yl)-1-piperazinyl]-1-ethanone Trihydrochloride
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(NGF binding inhibitor; preparation of piperazinylacylpiperidines as NGF binding inhibitors to p75NTR receptor and of the apoptosis induced by NGF)

RN 634613-42-6 CAPLUS

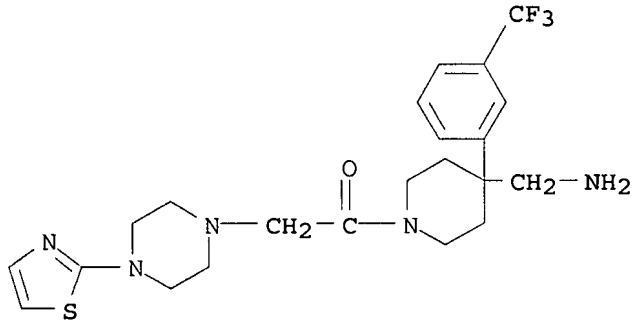
CN 4-Piperidinol, 1-[[4-(2-thiazolyl)-1-piperazinyl]acetyl]-4-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 634613-43-7 CAPLUS
CN Pyridine, 1,2,3,6-tetrahydro-1-[[4-(2-thiazolyl)-1-piperazinyl]acetyl]-4-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 634613-45-9 CAPLUS
CN 4-Piperidinemethanamine, 1-[[4-(2-thiazolyl)-1-piperazinyl]acetyl]-4-[3-(trifluoromethyl)phenyl]-, trihydrochloride (9CI) (CA INDEX NAME)

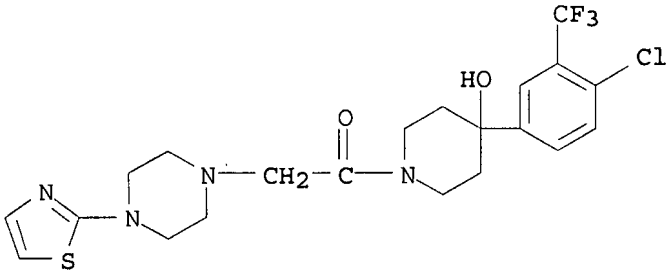


● 3 HCl

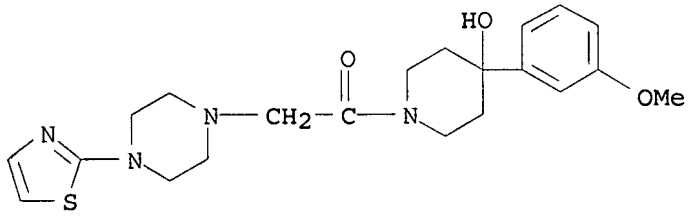
IT 634613-37-9P 634613-38-0P 634613-39-1P
634613-40-4P 634613-41-5P 634613-44-8P,
2-[4-(1,3-Thiazol-2-yl)-1-piperazinyl]-1-[4-[3-(trifluoromethyl)phenyl]-3,6-dihydro-1-(2H)-pyridinyl]-1-ethanone dioxalate 634613-47-1P,
1-[4-[(Dimethylamino)methyl]-4-[3-(trifluoromethyl)phenyl]-1-piperidinyl]-2-[4-(1,3-thiazol-2-yl)-1-piperazinyl]-1-ethanone 634613-48-2P,
1-[4-[(Methylamino)methyl]-4-[3-(trifluoromethyl)phenyl]-1-piperidinyl]-2-[4-(1,3-thiazol-2-yl)-1-piperazinyl]-1-ethanone
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU

(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(NGF binding inhibitor; preparation of piperazinylacylpiperidines as NGF binding inhibitors to p75NTR receptor and of the apoptosis induced by NGF)

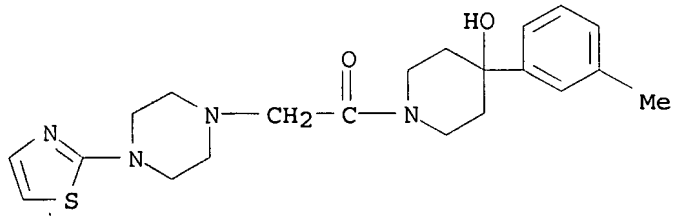
RN 634613-37-9 CAPLUS
CN 4-Piperidinol, 4-[4-chloro-3-(trifluoromethyl)phenyl]-1-[[4-(2-thiazolyl)-1-piperazinyl]acetyl]- (9CI) (CA INDEX NAME)



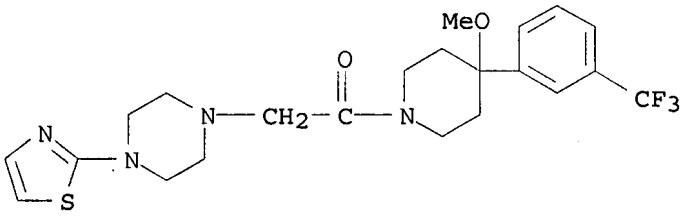
RN 634613-38-0 CAPLUS
CN 4-Piperidinol, 4-(3-methoxyphenyl)-1-[[4-(2-thiazolyl)-1-piperazinyl]acetyl]- (9CI) (CA INDEX NAME)



RN 634613-39-1 CAPLUS
CN 4-Piperidinol, 4-(3-methylphenyl)-1-[[4-(2-thiazolyl)-1-piperazinyl]acetyl]- (9CI) (CA INDEX NAME)

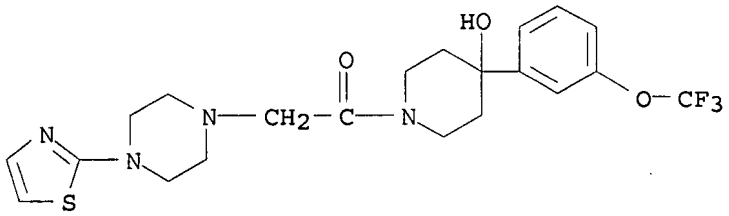


RN 634613-40-4 CAPLUS
CN Piperidine, 4-methoxy-1-[[4-(2-thiazolyl)-1-piperazinyl]acetyl]-4-[3-(trifluoromethyl)phenyl]-, monohydrochloride (9CI) (CA INDEX NAME)



● HCl

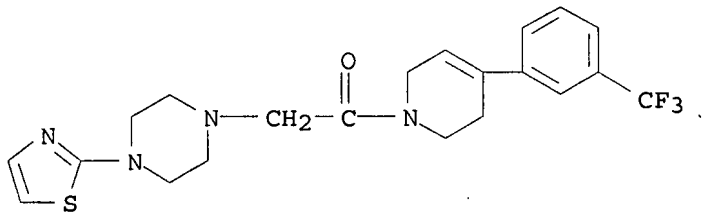
RN 634613-41-5 CAPLUS
CN 4-Piperidinol, 1-[[4-(2-thiazolyl)-1-piperazinyl]acetyl]-4-[3-(trifluoromethoxy)phenyl]- (9CI) (CA INDEX NAME)



RN 634613-44-8 CAPLUS
CN Pyridine, 1,2,3,6-tetrahydro-1-[[4-(2-thiazolyl)-1-piperazinyl]acetyl]-4-[3-(trifluoromethyl)phenyl]-, ethanedioate (1:2) (9CI) (CA INDEX NAME)

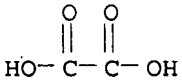
CM 1

CRN 634613-43-7
CMF C21 H23 F3 N4 O S

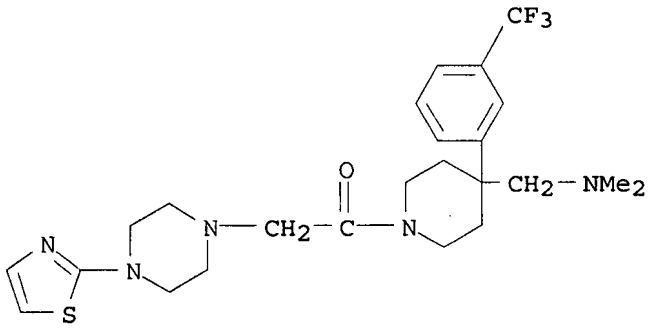


CM 2

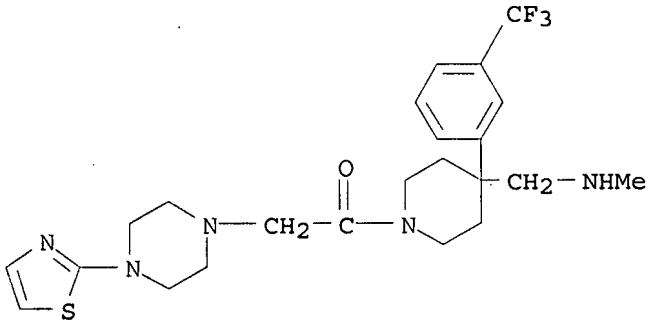
CRN 144-62-7
CMF C2 H2 O4



RN 634613-47-1 CAPLUS
CN 4-Piperidinemethanamine, N,N-dimethyl-1-[[4-(2-thiazolyl)-1-piperazinyl]acetyl]-4-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

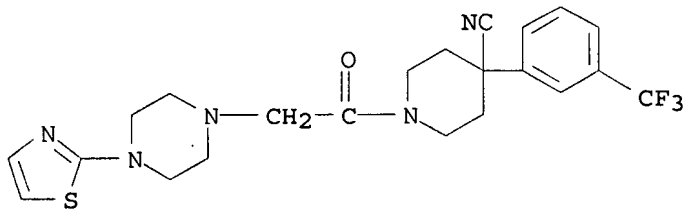


RN 634613-48-2 CAPLUS
CN 4-Piperidinemethanamine, N-methyl-1-[[4-(2-thiazolyl)-1-piperazinyl]acetyl]-4-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)

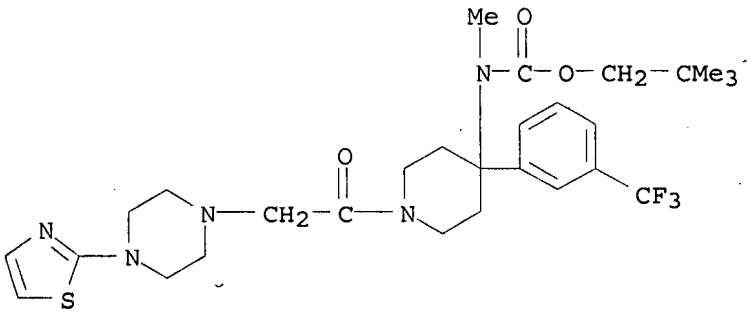


IT 634613-46-0P, 1-[2-[4-(1,3-Thiazol-2-yl)-1-piperazinyl]acetyl]-4-[3-(trifluoromethyl)phenyl]-4-piperidinecarbonitrile 634613-49-3P, tert-Butylmethyl [1-[2-[4-(1,3-thiazol-2-yl)-1-piperazinyl]-1-oxoethyl]-4-[3-(trifluoromethyl)phenyl]-4-piperidinyl]methylcarbamate
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(intermediate; preparation of piperazinylacylpiperidines as NGF binding inhibitors to p75NTR receptor and of the apoptosis induced by NGF)

RN 634613-46-0 CAPLUS
CN 4-Piperidinecarbonitrile, 1-[[4-(2-thiazolyl)-1-piperazinyl]acetyl]-4-[3-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



RN 634613-49-3 CAPLUS
CN Carbamic acid, methyl[1-[[4-(2-thiazolyl)-1-piperazinyl]acetyl]-4-[3-(trifluoromethyl)phenyl]-4-piperidinyl]-, 2,2-dimethylpropyl ester (9CI) (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT